

JUN. 5. 2001 8:28AM
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USSN

NO. 762 P. 2



Attorney Docket No.: 21419/90368

Client Ref. No.: _____

#4 DECLARATION AND POWER OF ATTORNEY -- PATENT APPLICATION

As a below named inventor, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought in the application entitled:

METHODS AND COMPOSITIONS TO IDENTIFY SWINE GENETICALLY RESISTANT TO F18 E. COLI ASSOCIATED DISEASES

the specification of which

(check one) _____ is attached hereto

was filed on November 19, 1999

as

United States Application Serial No. 09/443,766

or

PCT International Application No. _____

and was amended on (if applicable) _____

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate on which priority is claimed (as listed below) and I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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I hereby claim benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

60/047,181	May 20, 1997
Application Number	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(b) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PCT/US98/10318 (Application Serial No.)	May 20, 1998 (Filing Date)	Nationalized (Status-patented, pending, abandoned)
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JUN. 5. 2001 8:29AM
USSN

NO. 762 P. 3



Attorney Docket No.: 21419/90368

Client Ref. No.: _____

I hereby appoint William R. Coffey, Reg. No. 24023; Richard D. Couard, Reg. No. 27321; Steven R. Lammert, Reg. No. 27653; Richard A. Rezek, Reg. No. 30796; Timothy E. Nieduagel, Reg. No. 33266; Nancy J. Harrison, Reg. No. 27083; Dip A. Kulkarni, Reg. No. 27510; David B. Quick, Reg. No. 31993; Jill T. Powlick, Reg. No. 42088; Steven A. Church, Reg. No. 43550; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Bobby B. Gillenwater, Reg. No. 31105; Paul B. Hunt, Reg. No. 37154; Robert D. Null, Reg. No. 40746; Alice O. Martin, Reg. No. 35601; Thomas J. Donovan, Reg. No. 33231; Grant H. Peters, Reg. No. 35977; Mark A. Hamill, Reg. No. 37145; Michael Allen, Reg. No. 37582; and Gregory S. Cooper, Reg. No. 40965, as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

BARNES & THORNBURG
2600 Chase Plaza
10 South LaSalle Street
Chicago, Illinois 60603
(312) 357-1313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Brad T. Bosworth

Full Name of Sole or First Joint Inventor

Inventor's Signature

United States

Country of Citizenship

Date

#22 Lonsdale Drive

Littletown, NC 27850

Residence and Post Office Address

Peter Vögeli

Full Name of Second Joint Inventor

Inventor's Signature

Switzerland

Country of Citizenship

Date

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8180 Buelach
Zurich SWITZERLAND

Residence and Post Office Address

JUN. 1 2001 4:44PM

BARNES AND THORNBURG

NO. 494

P. 2



Attorney Docket No.: 21419/90368

Client Ref. No.: _____

DECLARATION AND POWER OF ATTORNEY -- PATENT APPLICATION

As a below named inventor, I hereby declare that I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought in the application entitled:

METHODS AND COMPOSITIONS TO IDENTIFY SWINE GENETICALLY RESISTANT TO F18 E. COLI ASSOCIATED DISEASES

the specification of which

(check one) _____ is attached hereto

was filed on November 19, 1999

United States Application Serial No. 09/443,766

PCT International Application No. _____

and was amended on (if applicable) _____

as

or

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Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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I hereby claim benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

60/047,181

May 20, 1997

Application Number

Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(b) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PCT/US98/10318

(Application Serial No.)

May 20, 1998

(Filing Date)

Nationalized

(Status-patented, pending, abandoned)

JUN. 1. 2001 4:45PM

BARNES AND THORNBURG

NO. 494 P. 3

O I P E

JUL 26 2001

Attorney Docket No.: 21419/90368

Client Ref. No.: _____

I hereby appoint William R. Coffey, Reg. No. 24023; Richard D. Conard, Reg. No. 27321; Steven R. Lammert, Reg. No. 27653; Richard A. Rezek, Reg. No. 30796; Timothy E. Niednagel, Reg. No. 33266; Nancy J. Harrison, Reg. No. 27083; Dilip A. Kulkarni, Reg. No. 27510; David B. Quick, Reg. No. 31993; Jill T. Powlick, Reg. No. 42088; Steven A. Church, Reg. No. 43550; Perry Palan, Reg. No. 26213; Mark M. Newman, Reg. No. 31472; Bobby B. Gillenwater, Reg. No. 31105; Paul B. Hunt, Reg. No. 37154; Robert D. Null, Reg. No. 40746; Alice O. Martin, Reg. No. 35601; Thomas J. Donovan, Reg. No. 33231; Grant H. Peters, Reg. No. 35977; Mark A. Hamill, Reg. No. 37145; Michael Allen, Reg. No. 37582; and Gregory S. Cooper, Reg. No. 40965, as attorneys of record with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and I specify that communications regarding the application be directed to:

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Brad T. Bosworth

Full Name of Sole or First Joint Inventor

Inventor's Signature

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Peter Vögeli

Full Name of Second Joint Inventor

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Zurich SWITZERLAND

Residence and Post Office Address

United States

Country of Citizenship

Date

Switzerland

Country of Citizenship

5th June, 2001

Date